

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 62253747  
PUBLICATION DATE : 05-11-87

APPLICATION DATE : 19-03-87  
APPLICATION NUMBER : 62065207

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INT.CL. : C22C 32/00 // B22D 13/02 B22D 19/14 C22C 1/10 C22C 19/07

TITLE : COMPOSITE LINING MATERIAL FOR CYLINDER

ABSTRACT : PURPOSE: To improve the corrosion and wear resistances by dispersing a prescribed percentage of NbC grains in a Co alloy matrix contg. prescribed percentages of Cr, B, Si and Mn.

CONSTITUTION: An alloy consisting of, by weight, 5~10% Cr, 2.5~4% B, 0.2~2% Si, 0.2~2% Mn and the balance Co is refined and 10~30% NbC grains as a wear resistant reinforcing material are dispersed in a matrix of the Co alloy having corrosion resistance. The resulting composite lining material for a cylinder has superior wear resistance as well as superior corrosion resistance.

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